

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 10/11/07

Signature: Robert R. Richardson
(Robert R. Richardson)

Docket No.: BA1-03-0687 (03-0687)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
John L. Vian et al.

Application No.: 10/750,294

Confirmation No.: 9179

Filed: December 30, 2003

Art Unit: 2856

For: METHODS AND SYSTEMS FOR
ANALYZING ENGINE UNBALANCE
CONDITIONS

Examiner: S. M. Shah

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated May 2, 2007, please amend the above-identified U.S. patent application as follows:

Amendments to the Specification begin on page 3 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 5 of this paper.

Amendments to the Drawings begin on page 11 of this paper and include an attached replacement sheet.

Remarks/Arguments begin on page 12 of this paper.

Application No. 10/750,294
Amendment dated October 1, 2007
Reply to Office Action of May 2, 2007

Docket No.: BAI-03-0687 (03-0687)

An **Appendix** including replacement drawing sheets is attached following page 16 of this paper.